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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

**EXPRESS MAIL NO. EV 182094628US**Application No. **09/919,345**Filing Date **July 30, 2001**First Named Inventor **Boris P. Belotserkovskii**Examiner Name **Frank Lu**Group Art Unit **1634**

Total Number of Pages in This Submission

**8**Attorney Docket No. **A-69625-1/AMP/JFB****ENCLOSURES** (check all that apply)☒ Fee Transmittal Form☐ Fee Attached☒ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/  
Incomplete Application☐ Response to Missing Parts under  
37 CFR 1.52 or 1.53☐ Assignment Papers  
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney,  
Revocation Change of  
Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, No. of CD(s) \_\_\_\_\_

Remarks

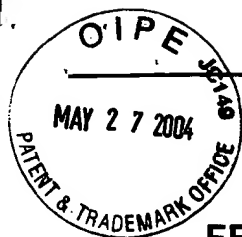
☐ After Allowance Communication to  
Group☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):  
**postcard****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Ann M. Caviani Pease (42,067)

Signature

Date

5/27/04



# AMENDMENT FEE CALCULATION 2004

EXPRESS MAIL NO. EV 182094628US

Application No.	09/919,345
Filing Date	July 30, 2001
First Named Inventor	Boris P. BELOTSEKOVSKII
Group Art Unit	1634
Examiner Name	Frank Lu
Att. Docket Number	A-69625-1/AMP/JFB

Claims as Amended in Response to Office Action dated: February 27, 2004

METHOD OF PAYMENT (Check One)		AMENDMENT FEE CALCULATION (Continued)			
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>50-2319</u> Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u></p> <p><input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)</p> <p>2. <input type="checkbox"/> Check Enclosed</p>		<b>3. ADDITIONAL FEES</b>			
		<b>Large Entity Fee</b>	<b>Small Entity Fee</b>	<b>Fee Description</b>	<b>Fee Paid</b>
		110	55	Extension for reply within first month	
		420	210	Extension for reply within second month	
		950	475	Extension for reply within third month	
		1,480	740	Extension for reply within fourth month	
		2,010	1,005	Extension for reply within fifth month	
		330	165	Notice of Appeal	
		330	165	Filing a brief in support of an appeal	
		290	145	Request for oral hearing	
		110	55	Terminal Disclaimer Fee	
		110	55	Petition to revive – unavoidable	
		1,330	665	Petition to revive – unintentional	
		1,330	665	Utility/Reissue issue fee (inc. advance copies)	
		130	130	Petitions to the Commissioner	
		180	180	Submission of IDS	
		770	385	Request for Continued Examination (RCE)	
		Other fee (specify):			
		<b>Subtotal (2)</b>			
		<b>Total Amount of Payment:</b>			

1. EXTRA* CLAIM FEES					
Claims Remaining after Amendment	Highest Number Previously Paid for	Present Extra	Fee from Below*	Additional Fee	
Total 14	-	35	= 0	x	=
Indep. 1	-	2	= 0	x	=
First Presentation of Multiple Dependent Claim					x =
<b>Subtotal (1)</b>					

\*Calculation of Extra Claim Fees

Large Entity Fee	Small Entity Fee	Fee Description
18	9	Claims in excess of 20
86	43	Independent claims in excess of 3
290	145	Multiple dependent Claim
86	43	Reissue independent claims over original patent
18	9	Reissue claims in excess of 20 and over original patent

Submitted by:

Name: Ann M. Caviani Pease

Reg. No.: 42,067

Telephone: (650) 494-8700

DORSEY &amp; WHITNEY LLP

Four Embarcadero Center, Suite 3400  
San Francisco, California 94111-4187CUSTOMER NUMBER **32940**

Signature:

Date:

5/27/04



Docket No. A-69625-1/AMP/JFB

EXPRESS MAIL NO. EV 182094628US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named		
Inventor:	Boris P. Belotserkovskii	
Appln. No.:	09/919,345	
Filing Date:	July 30, 2001	Examiner: Frank Lu
Title:	ENHANCED TARGETING OF DNA SEQUENCES BY RECOMBINASE PROTEIN AND SINGLE-STRANDED HOMOLOGOUS DNA PROBES USING DNA ANALOG ACTIVATION	Group Art Unit: 1634
		Conf. No. 2746

**AMENDMENT UNDER 37 C.F.R. § 1.111**

5 Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

10 Applicants have considered the Office Action mailed 27 February 2004 and request  
reconsideration in light of the amendments and remarks that follow.

Amendments to the Specification begin on page 2.

15 Amendments to the Claims are reflected in the listing of Claims, which begins on page 3.

Remarks begin on page 5 of this paper.